

Docket No.: 215101.00204
Customer No. 27160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

E. LAZARIDIS

Serial No. 09/913,498

Filed: August 16, 2001

For: METHODS FOR CLASSIFYING OBJECTS AND IDENTIFYING
LATENT CLASSES

Hon. Assistant Commissioner for
Patents and Trademarks
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicant brings to the attention of the Examiner the documents listed on the attached PTO 1449.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Copies of the listed documents, including any copending patent applications, are attached.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicant determines



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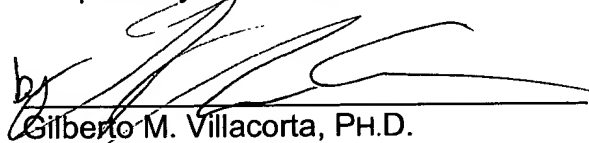
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Serial No. 09/913,498

that the cited documents do not constitute "prior art" under United States law, applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1710.

Respectfully submitted,

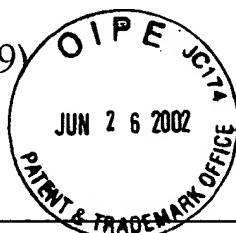

by _____
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Date: June 25, 2002

LIST OF ART CITED BY APPLICANT

(PTO-1449)

ATTY. DOCKET NO.
215101.00204SERIAL NO.
09/913,498APPLICANT
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U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE |
|---------------------|------------|-------------|-------------------|-------|----------|-------------|
| A | 4,277,295 | 14 Oct 1980 | Bodnar et al. | | | |
| B | 5,499,371 | 12 Mar 1996 | Henninger et al. | | | |
| C | 5,622,857 | 22 Apr 1997 | Goffe | | | |
| D | 5,605,835 | 25 Feb 1997 | Hu et al. | | | |
| E | 5,827,729 | 27 Oct 1998 | Naughton et al. | | | |
| F | 5,183,566 | 2 Feb 1993 | Darnell et al. | | | |
| G | 5,811,298 | 22 Sep 1998 | DePinho et al. | | | |
| H | 5,936,731 | 10 Aug 1999 | Cabib et al. | | | |
| I | 5,995,645 | 30 Nov 1999 | Soenksen et al. | | | |
| J | 5,556,752 | 17 Sep 1996 | Lockhart et al. | | | |
| K | 5,744,305 | 28 Apr 1998 | Fodor et al. | | | |
| L | 5,837,832 | 17 Nov 1998 | Chee et al. | | | |
| M | 5,843,655 | 1 Dec 1998 | McGall | | | |
| N | 5,874,219 | 23 Feb 1999 | Rava et al. | | | |
| O | 5,849,486 | 15 Dec 1998 | Heller et al. | | | |
| P | 5,620,848 | 15 Apr 1997 | Levine et al. | | | |
| Q | 5,527,676 | 8 Jun 1996 | Vogelstein et al. | | | |
| R | 5,998,136 | 7 Dec 1999 | Kamb | | | |
| S | 5,983,211 | 9 Nov 1999 | Heseltine et al. | | | |
| T | 5,747,496 | 5 May 1998 | Cox et al. | | | |
| U | 5,807,692 | 15 Sep 1998 | Kinzler et al. | | | |
| V | 5,858,976 | 12 Jan 1999 | Burrell et al. | | | |
| W | 5,770,377 | 23 Jun 1998 | Picksley et al. | | | |
| X | 5,756,455 | 26 May 1998 | Kinzler et al. | | | |
| Y | 5,721,340 | 24 Feb 1992 | Halazonetis | | | |
| Z | 5,708,136 | 13 Jan 1998 | Burrell et al. | | | |
| AA | 5,702,908 | 30 Dec 1997 | Picksley et al. | | | |
| AB | 5,702,903 | 30 Dec 1997 | Kinzler et al. | | | |
| AC | 5,693,533 | 2 Dec 1997 | Raney et al. | | | |
| AD | 5,550,023 | 27 Aug 1996 | Kinzler et al. | | | |
| AE | 5,727,130 | 10 Mar 1998 | Hung | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | PATENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | Translation | |
|---------------------|-------------|-------------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| AF | WO 98/50344 | 12 Nov 1998 | PCT | | | | |
| AG | WO 99/27137 | 11 May 2000 | PCT | | | | |
| AI | WO 99/10538 | 4 Mar 1999 | PCT | | | | |

Docket No.: 215101.0020

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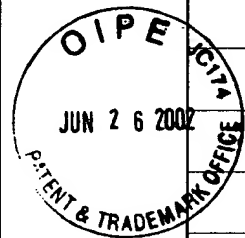
Serial No. 09/913,498

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|-----------------|---|
| AJ | Tibshirani, R. et al., "Clustering methods for the analysis of DNA microarray data"; Preprint, Intl. S-Plus User Conference, 1999: 1-23. |
| AK | Lazaridis, E.N., "Discrimination and classification using conditionally independent marginal mixtures"; in Dept. of Statistics, Univ. of Chicago, Chicago IL, 1994: 231. |
| AL | Lazaridis, E.N., "A Bayesian evaluation of fuzzy logic in a classification problem"; Communications in Statistical Stochastic Models, vol. 15, no. 3, 1999. |
| AM | Chen, Y. et al., "Ratio-based decisions and the quantitative analysis of cDNA microarray images"; J. Biomed. Optics, Vol. 2, 1997: 364-74. |
| AN | Iyer, V.R. et al., "The transcriptional program in the response of human fibroblasts to serum"; Science, vol. 283, no. 5398, 1999: 83-87. |
| AO | Alon, U. et al., "Broad patterns of gene expression revealed by clustering analysis of tumor and normal colon tissues probed by oligonucleotide arrays"; Proc. Natl. Acad. Sci. USA, vol. 96, no. 12, 1999: 6745-50. |
| AP | Eisen M.B. et al., "Cluster analysis and display of genome-wide expression patterns"; Proc. Natl. Acad. Sci. USA, vol. 95, no. 25, 1998: 14863-68. |
| AQ | Anderson, N.L. et al., "Analytical techniques for cell fractions, XXII, Two-dimensional analysis of serum and tissue proteins: multiple gradient slab gel electrophoresis"; Anal. Biochem., vol. 85, no. 2, 1978: 341-54. |
| AR | Anderson, N.G. et al., "Analytical techniques for cell fractions, XXI, Two-dimensional analysis of serum and tissue proteins: multiple isoelectric focusing"; Anal. Biochem., vol. 85, no. 2, 1978: 331-40. |
| EXAMINER | |
| DATE CONSIDERED | |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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